

2133

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/884,312	
	Filing Date	06/18/2001	
	First Named Inventor	Richard B. Keller	
	Art Unit	2133	
	Examiner Name	Trimmings, John P.	
Total Number of Pages in This Submission	34	Attorney Docket Number	109897-129946

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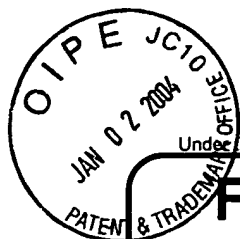
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request to Change Attorney Docket Number; and Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	SCHWABE, WILLIAMSON & WYATT, P.C.
Signature	<i>Mark H. Mal...</i>
Date	12/29/2003

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Typed or printed name	Heather L. Adamson
Signature	<i>Heather Adamson</i>
Date	12/29/2003

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ ) 0.00

## Complete if Known

Application Number 09/884,312  
Filing Date 06/18/2001  
First Named Inventor Richard B. Keller  
Examiner Name Trimmings, John P.  
Art Unit 2133  
Attorney Docket No. 109897-129946

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## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

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Schwabe, Williamson

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
27		27		20** = 0		x 18 = 0	
Independent Claims		3		- 3** = 0		x 86 = 0	
Multiple Dependent						= 0	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

#### Large Entity - Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

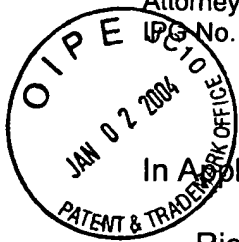
## SUBMITTED BY

Name (Print/Type) Nathan R. Maki  
Registration No. 51,110  
Telephone 503-222-9981  
Signature [Signature]  
Date 12/29/2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:

Richard B. Keller

Application No.: 09/884,312

Filed: 06/18/2001

For: Fast Cyclical Redundancy Check  
(CRC) Generation

Examiner: John P. Trimmings

Art Unit: 2133

Confirmation No.: 4827

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Typed or Printed: Heather L. Adamson

Signature: 

Date: 12/29/03

Mail Stop Non-Fee Amendment  
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**REQUEST TO CHANGE ATTORNEY DOCKET NUMBER**

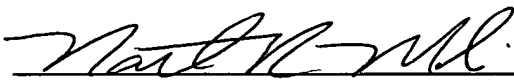
Dear Sir:

Please change the Attorney Docket Number to **109897-129946**.

Respectfully submitted,

SCHWABE, WILLIAMSON & WYATT, P.C.

Dated: 12/29/03

  
Nathan R. Maki  
Registration No. 51,110

Pacwest Center, Suites 1600-1900  
1211 SW Fifth Avenue  
Portland, Oregon 97204  
Telephone: 503-222-9981